

## Russian Air Show Produced Shocking Surprises for U.S.

High-Performance Craft Displayed Had Not Been Known About Previously in West.

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STATINTL

WASHINGTON, July 21.

THE SOVIET AIR SHOW at Tushino airfield outside Moscow July 9 provided some shocking surprises to United States intelligence. New high performance aircraft were shown that had not been known before. The photographs that were used by Senator Stuart Symington (Dem.), Missouri, in the Senate discussion of the air show were not obtained by intelligence agencies but by the magazine Aviation Week.

This happened apparently because the Soviets forbade the use of cameras at the show. Necessarily, the known United States military personnel, such as military attaches, could not violate the injunction, while it was possible for lesser known civilians to smuggle in cameras.

Two new bombers that were known to be under development were flown in the show. Only one B-36, a heavy bomber about the size of the old United States B-36, with four jet engines, was flown, indicating that it may not yet be operational. Its two inboard engines are estimated to have a thrust of between 40,000 and 45,000 pounds, almost twice as large as any western jet engine.

This is the same sort of a shock that was supplied at Tushino air show in 1956 when jet engines of a thrust of about 25,000 pounds were seen. At that time these engines were of about twice the thrust of American jet engines.

A COMPLETELY new bomber, now code-named Beauty, slightly larger than the United States B-58, with twin-jet engines on either side of the tail-fin, was estimated to have a speed of about Mach 2.5, two and one-half times the speed of sound.

This bomber came as a surprise. It is equipped for refueling in flight. The fact that three B-58s of three planes each

were flown indicates that this bomber is already

being produced in large numbers. It is estimated that the B-58 is being produced at a rate of about 100 per month.

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all carried air-to-ground missiles, giving them a stand-off capability, such as is provided for United States bombers with the Hound Dog missile, just coming into operational use here. Some of the Soviet bombers carried air-to-ground ballistic missiles of a type that